

Abstract

The invention relates to a device for treating a crystal with a liquid having a holder for fixing the crystal and a micro dosage system, which, in relation to the holder, is arranged in such a way that it allows applying microdrops of the liquid onto the crystal fixed in the holder.

Furthermore, the invention relates to a method for treating a crystal with a liquid, wherein the crystal is fixed and microdrops of the liquid are applied onto the crystal. The invention is particularly useful for gently treating protein crystals with specific substances. Thus, for example, ligands or inhibitors, which are contained in the liquid, can be applied onto the crystal by means of a piezo pipette. Herein, the crystal is preferably located in a defined gas atmosphere, to which an evaporated solubilizer for the ligand or inhibitor can be added.